

BRUHATH BANGALORE MAHANAGAR PALIKE

Dasarahalli Sub-Division

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10 cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no 14 in Dasarahalli Assembly constituency

Pre-Measurement Sheet

Name of The Contractor	: Sri. B M Kiran	Job Code	: 014-20-000098
Work Order No.	: EE/DD/WO/74/2021-22 Dt: 16.12.2021	Head Of Account	: P-3296
Date Of Measurement	:		

It.No	Description of Items	No	L	W1	W2	AvgW	D	Qty	Unit
1	2	3	4	5	6	7	8	9	10

- 1 KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry. MORTH Specification No. 202

Opp to 26th Cross Road

From Bagalagunte Main Road	1	7.50	6.00	7.40	6.70	0.15	7.54
	1	4.50	7.40	6.60	7.00	0.15	4.73
	1	10.20	6.60	4.70	5.65	0.15	8.64
	1	9.80	4.70	3.40	4.05	0.15	5.95

30th Cross Road (RHS)

From Bagalagunte Main Road	1	15.00	4.00	4.70	4.35	0.15	9.79
	1	15.00	4.70	4.60	4.65	0.15	10.46
	1	15.00	4.60	4.60	4.60	0.15	10.35
	1	12.20	3.80	3.60	3.70	0.15	6.77

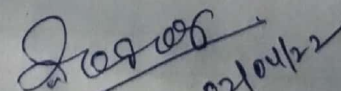
Total Quantity

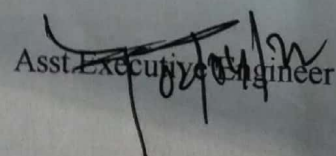
							64.23	Cum
							51.55	Cum
							51.55	Cum

Sanctioned Quantity As Per Schedule-B

Quantity Carried to this bill


Contractor


Asst. Engineer 02/04/22


Asst. Executive Engineer

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Dasarahalli Sub-Division

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Pre-Measurement Sheet

Name of The Contractor		: Sri. B M Kiran		Job Code		: 014-20-000098	
Work Order No.		:EE/DD/VO/74/2021-22 Dt: 16.12.2021		Head Of Account		: P-3296	
Date Of Measurement		:					
It.No	Description of Items	No	L	W1	D	Qty	Unit
1	2	3	4	5	8	9	10
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	Near Rama Temple						
	New Drain RHS	1	14.10	1.10	0.90	13.96	
		1	10.65	1.10	0.90	10.54	
		1	3.00	1.10	0.90	2.97	
	Drain	1	30.00	1.10	0.90	29.70	
		1	7.40	1.10	0.90	7.33	
	Cross Road 1 RHS	1	20.00	1.10	0.90	19.80	
		1	20.00	1.10	0.90	19.80	
	Cross Road 2 RHS	1	20.60	1.10	0.90	20.39	
	LHS	1	14.20	1.10	0.90	14.06	
		1	7.70	1.20	0.90	8.32	
	Cross Road 3 RHS	1	22.40	1.10	0.90	22.18	
	Cross Road 4 LHS	1	30.00	1.10	0.90	29.70	
	Near VinscoSadhana Apartment	1	30.00	1.10	0.90	29.70	
		1	4.00	1.10	0.90	3.96	
	Rammandira Road (LHS)						
	LHS (6th Cross Road)	1	20.60	1.10	0.90	20.40	
		1	17.50	1.10	0.90	17.33	
	Cross Road	1	22.70	1.10	0.90	22.47	
		1	20.00	1.10	0.90	19.80	
		1	20.00	1.10	0.90	19.80	
	7th Cross Road Bagalagunte	1	30.00	1.10	0.90	29.70	
		1	4.00	1.10	0.90	3.96	
		1	18.80	1.10	0.90	18.61	
		1	16.70	1.10	0.90	16.53	
	6th Cross Road						
	Cross Road 05						
	LHS	1	22.30	1.10	0.90	22.08	
	RHS	1	12.20	1.10	0.90	12.08	

2021-22

QUALITY CONTROL TEST REPORTS

Client: Assistant Executive Engineer, Dasarahalli Sub
Division, BBMP, Bangalore.

Agency: Sri. B.M.Kiran, Contractor, Bangalore.

Name of Work : Construction CC drain and other development
works at 6th cross construction of road footpath and Bagalagunte
9th 10th cross roads. drilling of Borewells and pipelines at selected
area and Construction and repairs UGD in Bagalagunte ward
no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

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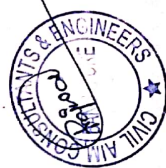
QC ABSTRACT

Name of Work: Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads, drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasanahalli Assembly Constituency, BBMP, Bangalore.

Sl. No.	Item	Quantity As Per BOQ	Required No's of testes	Actual No's of testes	Testes	Frequency
1	Materials	382.97 Cum	1	1	Cement	One Test Per Lot
2	Steel	50.20 Tonne	1	1	Sand,	-
3	M20	902.97 Cum	22	22	Concrete Cube Compressive Strength	-
4	M30	737.05 Cum	18	18	Concrete Cube Compressive Strength	-
5	Slab (100mm)	2278.02 Sqm	1	1	Concrete Core Compressive Strength	-
6	Slab (250mm)	67.20 Sqm	1	1	Concrete Core Compressive Strength	-
7	PVC Pipe(63mm)	100m	1	1	-	-
8	WMM	489.78 Cum	-	-	-	-
		Gradation	5	5	-	-
		AIV	3	3	-	-
		Shape Test	3	3	-	-
		Atterberg Limits	5	5	-	-
		79.80 Cum	-	-	-	-
9	DBM	Quality of Binder	1	1	-	-
		AIV	1	1	-	-
		Shape Test	1	1	-	-
		Gradation	1	1	-	-
		Specific Gravity	1	1	-	-
		Stability of Mix	2	2	-	-
		Bitumen content	2	2	-	-
		47.88 Cum	-	-	-	-
10	BC	Quality of Binder	1	1	-	-
		AIV	1	1	-	-
		Shape Test	1	1	-	-
		Gradation	1	1	-	-
		Specific Gravity	1	1	-	-
		Stability of Mix	1	1	-	-
		Bitumen content	1	1	-	-

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆ
ಶ್ರೀ. ದಾಸರಾಜ್ ಉಪ ನಿರ್ದೇಶಕರು
ಬಾಂಜೆರೋಡ್, ಬೆಂಗಳೂರು
ಫೋನ್: 5500073

0-5 Cum 1Set
6-15 Cum 2Set
16-30 Cum 3Set
31-50 Cum 4Set
Add 1set for extra 50Cum



No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.
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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 20.12.2021

TEST REPORT

CLIENT	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	:	Sri B.M. Kiran , Contractor, Bangalore.
NAME OF THE WORK	:	Construction CC drain and other development works at 6 th cross construction of road footpath and Bagalagunte 9 th 10 th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.
SAMPLE ID	:	Cement (Birla OPC 53 Grade)
DATE OF MANUFACTURE	:	November - 2021
DATE OF TESTING	:	20.12.2021 to 22.12.2021
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	325 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00 %	-

Note:

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 ಕೆ. ದಾಸರಾಜ್ ಅವರ ವಿಚಾರ
 ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಸಿ
 ಬೆಂಗಳೂರು-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

o. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date : 20.12.2021

TEST REPORT ON FINE AGGREGATES (SAND)

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Agency : Sri B.M. Kiran , Contractor, Bangalore.
Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.
Date of Testing : 20.12.2021
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : Sand
Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	86	8.60	8.60	91.4	90-100
2.36	144	14.40	23.00	77.0	75-100
1.18	191	19.10	42.10	57.9	55-90
600 Micron	160	16.00	58.10	41.9	35-59
300 Micron	213	21.30	79.40	20.6	8-30
150 Micron	137	13.70	93.10	6.9	0-10

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ಕೆ. ದಾಸರಾಜ್ ಅವರ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಸಿ
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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date : 20.12.2021

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Agency : Sri B.M. Kiran , Contractor, Bangalore.
Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.
Date of Testing : 20.12.2021
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= 5000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	184	3.7	3.7	96.3	95-100
10	2433	48.7	52.3	47.7	25-55
4.75	1975	39.5	91.8	8.2	0-10

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ಶ್ರೀ ಬಿ.ಎಂ. ಕಿರಾಣಿ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಡಿ
ಬೆಂಗಳೂರು 560073

For CIVIL AIM CONSULTANTS & ENGINEERS

(Signature)
Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date : 20.12.2021

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Date of Testing : 20.12.2021

IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms 15000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	191	1.27	1.27	98.73	95-100
20	8235	54.90	56.17	43.83	30-70
10	3275	21.83	78.01	21.99	10-35
4.75	2816	18.77	96.78	3.22	0-5

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Date : 24.12.2021

Job No.: CACE/BBMP/BMK/W.No.14/2021-22

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Steel Dia/Length : 8mm,10mm,12mm " Fe500 TMT Bars"

Reference to BIS codes : IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification
: IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test : 24.12.2021

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH.			Elongation, percent on gauge length
				0.20 % proof stress/ yield stress (N/mm ²)	Tensile strength (N/mm ²)	TS/YS ratio	
1	TMT	8	0.397	548	627	1.14	13.5
2	TMT	10	0.619	555	646	1.16	14.5
3	TMT	12	0.89	565	660	1.17	15

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ಬೆಂಗಳೂರು-560073

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Job No.: CACE/BBMP/BMK/W No 14/2021-22

Date: 21.01.2022

PRECAST SLAB 100 mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Contractor : Sri B.M. Kiran , Contractor, Bangalore.
Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.
No.of Sample Tested : 03
Date of Testing : 21.01.2022
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₀

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	82.00	0.379	2353.94	1.64	0.961	32.80	16.70	18.04	17.34	21.67
2	50.00	84.00	0.391	2370.65	1.68	0.965	33.50	17.06	18.43	17.79	22.24
3	50.00	86.00	0.401	2374.74	1.72	0.970	34.10	17.37	18.76	18.19	22.74

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ಬಾಗಲಗುಂಟೆ. ಜಿ.ಜಿ.ಎಂ.ಸಿ
ಬೆಂಗಳೂರು-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

Signature

Authorised Signatory

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

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Date: 21.01.2022

PRECAST SLAB 250mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Contractor : Sri B.M. Kiran , Contractor, Bangalore.

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

No.of Sample Tested : 03

Date of Testing : 21.01.2022

Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete : M₂₀

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	90.00	114.00	1.698	2341.30	1.27	0.921	111.50	17.53	18.93	17.43	21.79
2	90.00	116.00	1.756	2379.53	1.29	0.923	113.80	17.89	19.32	17.84	22.29
3	90.00	118.00	1.798	2395.15	1.31	0.926	113.80	17.89	19.32	17.88	22.35

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ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರ
 ಕೆ. ದಾಸರಾಜ್ ಅವರ ವಿಚಾರ
 ಪಾಲಿಸಿಂಗ್, ಜಿ.ಐ.ಎಂ.ಸಿ.
 ಬೆಂಗಳೂರು 560073

For CIVIL AIM CONSULTANTS & ENGINEERS

Signature

Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
 Ramaiah Layout, Nagasandra, Bangalore - 560 073.

Ph: 9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

10.02.2022

TEST REPORT ON PVC PIPE

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample Supplied by : AGENCY

BIS Code : IS 4985:2000

Sample Identification : PVC pipe 63mm dia

Date of Testing : 10.02.2022

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	63.00	63.0 mm
2	Mean Outside Diameter (mm)	63.40	Min 63.0mm Max 63.8 mm
3	Outside Diameter at Any Point (mm)	65.1	Min 61.0 mm Max 66.0 mm

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3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS
Authorised Signatory

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 07.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of the work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14 in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.12.2021	07.01.2022	8.165	332.3	14.77
2	31.12.2021	07.01.2022	8.152	345.2	15.34
3	31.12.2021	07.01.2022	8.146	356.2	15.83

Note:

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ಇಂಜಿನಿಯರಿಂಗ್ ಉಪ ನಿರ್ದೇಶಕರು
ಬಿ.ಎಂ.ಕಿರಾನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಉಪ ನಿರ್ದೇಶಕರು
ಬಿ.ಎಂ.ಕಿರಾನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಉಪ ನಿರ್ದೇಶಕರು

For CIVIL AIM CONSULTANTS & ENGINEERS

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.12.2021	07.01.2022	8.169	336.3	14.95
2	31.12.2021	07.01.2022	8.185	345.2	15.34
3	31.12.2021	07.01.2022	8.154	352.8	15.68

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 28.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of the work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14 in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.12.2021	28.01.2022	8.169	501.2	22.28
2	31.12.2021	28.01.2022	8.184	512.3	22.77
3	31.12.2021	28.01.2022	8.152	484.6	21.54

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ಶಾಖಾಧಿಕಾರಿ
ಶ್ರೀ. ದಾಸರಾಜ್ ಅಪ್ಪ ಎಸ್
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

For CIVIL AIM CONSULTANTS & ENGINEERS

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Agency : Sri B.M. Kiran , Contractor, Bangalore.

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.12.2021	28.01.2022	8.165	502.2	22.32
2	31.12.2021	28.01.2022	8.146	512.2	22.76
3	31.12.2021	28.01.2022	8.152	484.9	21.55

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For CIVIL AIM CONSULTANTS & ENGINEERS

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.12.2021	07.01.2022	8.169	336.3	14.95
2	31.12.2021	07.01.2022	8.184	345.2	15.34
3	31.12.2021	07.01.2022	8.152	356.2	15.83

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ಇದರಲ್ಲಿ ಉಲ್ಲೇಖಿಸಿದ
ಮಾಹಿತಿಗಳು ಸರಿಯಾಗಿವೆ
ಮಾಹಿತಿಗಳು, 07.01.2022
07.01.2022

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.

Ph: 9501648639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.12.2021	28.01.2022	8.174	505.2	22.45
2	31.12.2021	28.01.2022	8.156	513.2	22.81
3	31.12.2021	28.01.2022	8.138	484.9	21.55

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ಸಹಾಯಕ ಅಧೀಕ್ಷಕರ ಕಛೇರಿ
ಬಿ. ಬಾಲಕೃಷ್ಣ ಅಪ್ಪ ದಾಸರಾಹಳ್ಳಿ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಡಿ
ಬೆಂಗಳೂರು-560073.

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.01.2022	10.01.2022	8.136	336.3	14.95
2	03.01.2022	10.01.2022	8.165	345.2	15.34
3	03.01.2022	10.01.2022	8.146	356.2	15.83

Note:

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ಶ್ರೀ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

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